

ABSTRACT

An emergency lighting function illumination appliance comprised of a fluorescent lamp tube, a controller, a mains power circuit capable of processing mains electric power for lighting, and a backup circuit that provides for a backup

- 5 power source. With these devices combined, the controller produces the following functions: 1) When mains power is normally supplied, an ON-OFF switch approach controls the fluorescent lamp in accordance with user intent. 2) During a mains power outage, the power circuit is automatically shifted to the backup circuit and the backup power source supplies electricity for emergency lighting. 3)
- 10 When mains power supply is restored, the power circuit is automatically shifted to the mains power circuit and the mains power resumes the ordinary lighting function.